Electronic Acl	knowledgement Receipt			
EFS ID:	11937735			
Application Number:	10678800			
International Application Number:				
Confirmation Number:	3882			
Title of Invention:	Preserving sets of information in rollup tables			
First Named Inventor/Applicant Name:	Todd P. Guay			
Customer Number:	55498			
Filer:	Jasper C. Kwoh/Sunny Oh			
Filer Authorized By:	Jasper C. Kwoh			
Attorney Docket Number:	OID 2002-247-01			
Receipt Date:	27-JAN-2012			
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Time Stamp:	13:39:00			
Application Type:	Utility under 35 USC 111(a)			

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
Amendment Copy Claims/Response to Suggested Claims	OID200224701_Amendment. pdf	131962	no	14	
		1d0729c7e5f26cd93b68d7ad55437897577 62238			

Warnings:

Information:

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.